

# Comparisons of Job Characteristics

**Focus Occupation:** [Derrick Operators, Oil and Gas \(47-5011\)](#)

**Associated Occupation:** [Stationary Engineers and Boiler Operators \(51-8021\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 82

**Focus Occupation:** [Derrick Operators, Oil and Gas \(47-5011\)](#)

**Associated Occupation:** [Stationary Engineers and Boiler Operators \(51-8021\)](#)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	18.6	13.5	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	10.6	7.6	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	10.4	5.2	<<	Extensive education and/or training may be required
Chemistry	4.8	10.0	6.4	<<	Extensive education and/or training may be required
Physics	4.3	9.6	6.6	<<	Extensive education and/or training may be required
Building and Construction	4.0	9.2	6.6	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 84

**Focus Occupation:** [Derrick Operators, Oil and Gas \(47-5011\)](#)

**Associated Occupation:** [Stationary Engineers and Boiler Operators \(51-8021\)](#)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	10.7	13.3	>	Skill level is likely sufficient
Operation and Control	5.4	9.6	12.3	>	Skill level is likely sufficient
Troubleshooting	4.5	9.2	9.6	0	Current skill level may be sufficient
Equipment Maintenance	3.5	8.5	9.4	>	Skill level is likely sufficient
Repairing	3.4	8.5	10.7	>	Skill level is likely sufficient
Equipment Selection	3.3	6.5	6.7	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 64			
Focus Occupation: Derrick Operators, Oil and Gas (47-5011) Associated Occupation: Stationary Engineers and Boiler Operators (51-8021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Perceptual Speed	7.4	10.7	9.8	0	Current ability level may be sufficient
Multilimb Coordination	6.0	10.2	13.3	>>	Current ability level is likely more than sufficient
Selective Attention	8.7	10.1	10.5	0	Current ability level may be sufficient
Auditory Attention	5.9	9.1	11.9	>>	Current ability level is likely more than sufficient
Reaction Time	4.8	8.3	12.8	>>	Current ability level is likely more than sufficient
Hearing Sensitivity	5.6	7.9	10.6	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 74
<b>Focus Occupation: Derrick Operators, Oil and Gas (47-5011)</b> <b>Associated Occupation: Stationary Engineers and Boiler Operators (51-8021)</b>		
Work Activities	Exclusivity of Activity	
Control operation of compressors	76	
Operate power driven pumps	66	
Use hand or power tools	2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: n/a
Focus Occupation: Derrick Operators, Oil and Gas (47-5011) Associated Occupation: Stationary Engineers and Boiler Operators (51-8021)		
Tools and Technologies		Exclusivity
Tools and technology data is unavailable for one or both occupations.		

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.